

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 03/01829

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01C21/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01C G01S G06F G05D B61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/080901 A1 (PIOTROWSKI TONY E) 1 May 2003 (2003-05-01) page 2, column 1, line 54 -column 2, line 15 ---	1-36
X	US 2003/014186 A1 (COFINO THOMAS ANTHONY ET AL.) 16 January 2003 (2003-01-16) page 2, column 1, line 20 - line 34 ---	1-36
A	EP 0 942 345 A (WEBB INT CO JERVIS B) 15 September 1999 (1999-09-15) abstract ---	1-36
A	EP 0 763 712 A (UNION SWITCH & SIGNAL INC) 19 March 1997 (1997-03-19) abstract -----	1-36

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

12 November 2003

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25.11.03

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